

Qty 2 to ship Aug 10

Work Order ID 149893

149893

Page 1

August 08, 2016 10:58:24 AM

Item ID: D350-636-109

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Tow Ring, Fits LH or RH

Start Date: 8/8/2016 Start Qty: 2.00

5 4 STA
3 4 STA

Cust Item ID:

Required Date: 8/12/2016 Req'd Qty: 2.00

Customer:

Reference:

Approvals: Process Plan: SLA Date: AUG 08 2016 Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
IIN-D350-636	J

PC

AUG 08 2016

100

Document Control

0.00

100

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPP D350-636-109
CHG002

4X

DAS
28
9-89

AUG 08 2016

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

(4)

PC

DAS
27
9-89

AUG 08 2016

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.01

Quality Control

4X

DAS
28
9-89

AUG 08 2016

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐				
Date : _____	Step #: _____	QTY Effective : _____		MRB (QS1042) Approval		
Description Work Order Deviation		Disposition				
						Completed By
						Lead hand / Supervisor Approval Verification
						QC / QA Coordinator Approval
Root Cause		FAULT CATEGORY				
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐				
OTHER : _____						

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Page 2

August 08, 2016 10:58:24 AM

Item ID: D350-636-109

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Item Name: Tow Ring, Fits LH or RH

Stop ***NS2***

Start Date: 8/8/2016 Start Qty: 2.00

2

Cust Item ID:

Required Date: 8/12/2016 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D3550-636-109								
	Location: _____								
	PPP rev: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.03							
Quality Control									

4

DAS
27
9-89

AUG 09 2016

16/8/9 JG

dm 16/08/09.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			Completed By
					Lead hand / Supervisor Approval Verification
					QC / QA Coordinator Approval
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

August 08, 2016 10:58:29 AM

1 49893

D350-636-109

Required Date: 8/12/2016

Required Qty: 2.00

IPP REV:B

AUG 08 2018

August 08, 2016 10:58:29 AM

149893

Parent Item: D350-636-109

D350-636-109

Parent Item Name: Tow Ring, Fits LH or RH

Start Date: 8/8/2016

Required Date: 8/12/2016**Start Qty: 2.00**

Required Qty: 2.00

MS21043-4

Purchased

No

110

Each

818.0000

MS21043-4

Nut

PC DAS
27
9-85

Location

Loc Qty

Loc Code

FG

40

104603

40

GA

17

m132803

17

OVER007

300

m134754

300

ST302

461

m134943

161

m135390

300

DAS
28
9-89

AUG 08 2018

7.0 PARTS LIST

(D350-636-101/-103/-104/-105A/-105B/-107/-107A/-107B/-109 KITS)

Item	Qty -101	Qty -103	Qty -104	Qty -105A	Qty -105B	Qty -107	Qty -107A	Qty -107B	Qty -109	Part Number	Description
	X									D350-636-101	TOE STEP KIT (LH/RH)
		X								D350-636-103	APICAL FLOAT CONVERSION KIT, LH
			X							D350-636-104	APICAL FLOAT CONVERSION KIT, RH
				X						D350-636-105A	WEDGE KIT
					X					D350-636-105B	WEDGE KIT
						X				D350-636-107	CABLE GUARD KIT
						1	X			D350-636-107A	FWD CABLE GUARD
						1		X		D350-636-107B	AFT CABLE GUARD
									X	D350-636-109	TOW RING KIT
8		1								D3488-041	BLADE FITTING, LH (REPLACES D2742-1)
8			1							D3488-042	BLADE FITTING, RH (REPLACES D2742-2)
10		2	2							AN8C21A	BOLT (REPLACES AN8-16A)
11		2	2							AN980JD816	WASHER (OR NAS1149D0863J)
12		2	2							MS21083C8	NUT (REPLACES MS21083N8)
26B		4	4							AN3C7A	BOLT (REPLACES AN3-7A)
27		4	4							AN980C10L	WASHER (REPLACES AN980JD10)
40	1									D3487-1	TOE STEP ASSEMBLY
43		2	2							D3493-1	WASHER
50		2	2							D3532-1	WASHER
60				2						D3926-1	WEDGE
61					2					D3926-3	WEDGE
62				4	4					MS21042L3	NUT
63				4	4					MS24693S276	SCREW
64				4	4					NAS1149D0363J	WASHER
70							1			D3927-1	FWD CABLE GUARD
71								1		D3927-3	AFT CABLE GUARD
72							2			D3928-1	BRACKET
73							2			AN4-14A	BOLT
74								1		BLBS-020	PIP PIN
75							2			MS21042L4	NUT
76							4			NAS1149D0463J	WASHER
80									1	D3407-043	TOW RING ASSEMBLY
81									2	D3417-9	WASHER
82									2	D3456-1	WASHER
83									1	MS21043-4	NUT

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2 4
0 4 SH

Approvals: Process Plan: SLA Date: AUG 08 2016 Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

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Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
IIN-D350-636	J

PC

AUG 08 2016

100 Document Control 0.00

100

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPP D350-636-109
CHG002

4x

AUG 08 2016

110 Pick Kit 0.00

110

Packaging

Memo

0.00

Packaging

1 more label

(4)

PC

AUG 08 2016

120 QC4- 100% Inspect kits for completeness 0.00

120

QC

Memo

0.01

Quality Control

4x

AUG 08 2016

4 paper.